

# Presentation of the thesis topics and research groups

Innsbruck, 10th January 2024

# Institut for Ion Physics and Applied Physics

# Information on today's procedure

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- Short wrap up of organizational information
- Research groups introduce themselves
- Q&A session where you can talk to the research groups and ask various questions

# Information on the Bachelor's thesis

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- Get an overview and find your topic
- Contact desired supervisor
- Registration for the course in LFU:online
- Bachelor thesis presentation in the seminar
- Submission in the seminar
- One grade, whole module accounts for 10 ECTS

# Information on the Master's thesis

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- Get an overview, find your topic and contact desired supervisor
- Critical Research Analysis (22,5 ECTS)
  - PJ Research Study (12,5 ECTS)
  - SE Research Seminar (5 ECTS) and VU Research Analysis (5 ECTS)
- Master's thesis preparation (2.5 ECTS)
- Master's thesis (27,5 ECTS)
- Defense of the Master's thesis (2.5 ECTS)
- (Additional Courses)

# Institut für Ion Physics and Applied Physics

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**Head and Speaker: Prof. Stefan Denifl**

**Research field: Inelastic Electron Scattering**

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**Head:** Prof. Martin Beyer

**Speakers:** Sarah Madlener und Manuel Rainer

**Research field:** Chemical Physics

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**Head and Speaker: Prof. Armin Hansel**

**Research field: Environmental Physics and Ion-Molecule-Reactions**



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**Head and Speaker: Prof. Milan Ončák**

**Research field: Computational Photophysics**

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**Head and Speaker: Prof. Katrin Erath-Dulitz**

**Research field: Cold Collisions**

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**Head and Speaker: Prof. Roland Wester**

**Research field: Molecular Systems**

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**Head: Prof. Paul Scheier**

**Speaker: Dr. Elisabeth Gruber and Dr. Olga V. Lushchikova**

**Research field: Nano-Bio Physics**

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**Head and Speaker: Prof. Alexander Kendl**

**Research field: Nonlinear Plasma Dynamics**

**Head and Speaker:** Prof. Codrina Ionita-Schrittwieser

**Research field:** Experimental Plasma Physics

We wish you good talks and every  
success with your thesis's!